



University of Engineering and Management, Kolkata

Course: B.Tech (CSE(AI & ML))

Semester: 4th

Paper Name: Advanced Programming

Paper Code: PCCCS493

Assignment No 1

1. Write a Java Program to Print “HELLO JAVA”.
2. Write a Java Program to add two numbers by declaring variables value.
3. Write a Java Program to calculate factorial value of a declared variable.
4. Write a Java Program to calculate factorial value of a declared variable by creating separate method for factorial segment.
5. Write a Java Program to calculate factorial value of a declared variable by creating separate class and method for factorial segment.
6. Write a Java Program to calculate factorial value of a variable by taking input from command line.
7. Write a Java Program to display whether a number is odd or even
8. Write a Java program to find maximum of three numbers.
9. Write a Java program to swap two numbers.
10. Write a Java program to check whether a year is leap year or not.
11. Write a Java program for following grading system.

Note: Percentage \geq 90% : Grade A

Percentage \geq 80% : Grade B

Percentage \geq 70% : Grade C

Percentage \geq 60% : Grade D

Percentage \geq 40% : Grade E

Percentage $<$ 40% : Grade F

12. Write a Java program to check whether a number is divisible by 5 or not.